



FIG. 1a

## HUMAN NEUROPEPTIDE Y (NPY) GENE

## EXON 1 (M14295)

1 cgcgttcttc aggcagtgcc tggggcggga ggggtggggt gtgggtgggt ccctaagtcg  
61 acactcgtgc ggctgcggtt ccagccccct ccccccgcca ctcaggggag ggaagtggcg  
121 ggtgggagtc acccaagcgt gactgcccga ggccccctct gccgcggcga ggaagctcca  
181 taaaagccct gtcgcgaccc gctctctgca CCCCATCCGC TGGCTCTCAC CCCTCGGAGA  
241 CGCTCGCCCG ACAGCATAGT ACTTGCCGCC CAGCCACGCC CGCGCGCCAG CCACCGTGAG  
301 tgctacgacc cgtctgtcta ggggt

## EXON 2 (M14296)

1 cccgtccggt gagccttctg tgccctgcagA TGCTAGGTAA CAAGCGACTG GGGCTGTCCG  
61 GACTGACCCCT CGCCCTGTCC CTGCTCGTGT GCCTGGGTGC GCTGGCCGAG GCGTACCCCT  
121 CCAAGCCGGA CAACCCGGGC GAGGACGCAC CAGCGGAGGA CATGGCCAGA TACTACTCAG  
181 CGCTGCGACA CTACATCAAC CTCATCACCA GGCAGAGgtg ggtgggaccg cgggaccgat  
241 tccgga

## EXON 3 (M14297)

1 acttgcttta aaagactttt ttttttccag ATATGGAAAA CGATCTAGCC CAGAGACACT  
61 GATTTTCAGAC CTCTTGATGA GAGAAAGCAC AGAAAATGTT CCCAGAACTC Ggtatgacaa  
121 ggcttgtgat ggggacattg tt

## EXON 4 (M14298)

1 CCTTACATGC TTGCTTCTT ATGTTTTACA Ggcttgaaga ccctgcaatg tggatgatggg  
61 aaatgagact tgctctcttg ccttttccta ttttcagccc atatttcacg gtgtaaaacg  
121 agaatccacc catcctacca atgcatgcag ccactgtgct gaattctgca atgttttcct  
181 ttgtcatcat tgtatatatg tgtgtttaaa taaagtatca tgcattcaaa agtgtatcct  
241 cctcaatgaa aaatctatta caatagttag gattattttc gttaaactta ttattaacaa

FIG. 1b

HUMAN NEUROPEPTIDE Y (NPY) mRNA

K01911

1    accccatccg   ctggctetca   cccctcggag   acgctcgccc   gacagc<sup>c</sup>atag   tacttgccgc  
61   ccagccacgc   ccgcgcgcca   gccaccatgc   taggtaacaa   gcgac<sup>c</sup>ggg   ctgtccggac  
121   tgaccctcgc   cctgtccctg   ctcgtgtgcc   tgggtgcgct   ggccgaggcg   taccctcca  
181   agccggacaa   cccgggcgag   gacgcaccag   cggaggacat   ggccagatac   tactcggcgc  
241   tgcgacacta   catcaacctc   atcaccaggc   agagatatgg   aaaacgatcc   agcccagaga  
301   cactgatttc   agacctcttg   atgagagaaa   gcacagaaaa   tgttcccaga   actcggcttg  
361   aagaccctgc   aatgtggtga   tgggaaatga   gacttgctct   ctggcctttt   cctattttca  
421   gcccatattt   catcgtgtaa   aacgagaatc   caccatcct   accaatgcat   gcagccactg  
481   tgctgaattc   tgcaatgttt   tcctttgtca   tcattgtata   tatgtgtgtt   taaataaagt  
541   atcatgcatt   c

FIG. 1c